

Work Order ID 125439

Tuesday, October 07, 2014 10:43:57 AM

125439

Page 1

Item ID: D3825-043 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Rib Assembly (Basket End, Lid)
 Start Date: 10/06/14 Start Qty: 2.00 ***2* 4X** Cust Item ID:
 Required Date: 10/06/14 Req'd Qty: 2.00 ***2*** Customer:
 Reference:

Approvals: Process Plan: MLS Date: 14-10-09 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3825	C

100

0.00

100

Large Fab

Large Fab

Large Fab

Memo

0.00

- 1- cut D3825-3 rib as per dwg D3825
- 2- drill hole (3/16") in D3825-3 using DT9822 jig and open to finish size as per dwg D3825
- 3- c'sink hole as per dwg
- 4- remove identification markings
- 5- deburr
- 6- weld D2327-1 spacer & D4021-9 bushing as per dwg D3825
A/R S.S. Rod Batch: B125054
- 7- grind bushing weld flush where indicated on dwg D3825
- 8- deburr if necessary

4X

06/15/01/05

CC 15-1-13

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
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Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Page 3

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Revision ID: Stop ***NS2***
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Start Date: 10/06/14 Start Qty: 2.00 ***2*** Cust Item ID:
Required Date: 10/06/14 Req'd Qty: 2.00 ***2*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.00							
Quality Control									

ML5 1501-13

(H) 15-1-13

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Doc/Data									
Equip/Tooling									
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Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

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Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Picklist Print

Tuesday, October 07, 2014 10:43:57 AM

Page 1

Work Order ID: 125439

125439

Parent Item: D3825-043

D3825-043

Parent Item Name: Rib Assembly (Basket End, Lid)

Start Date: 10/06/14

Required Date: 10/06/14

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 12.07.24 AS PER REV.B DD VERF:EC
REV:B 12.08.08 AS PER DWG REV.C DD VERF:EC

IPP

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2327-1		Manufactured	No			100	Each	33.0000	1	2			
D2327-1									**			CC 15-1-13	
Spacer Bushing													

Location	Loc Qty	Loc Code
WA004	33	
107000	19	
107115	14	

D4021-9

Manufactured No

100 Each 266.0000 2

D4021-9

Bushing

CC 15-1-13

Location	Loc Qty	Loc Code
WA004	266	
107634	2	
116010	60	
116663	64	
117495	1	
120334	40	
121536	20	
121805	21	
122601	20	
123427	38	

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Picklist Print

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Page 2

Work Order ID: 125439

Parent Item: D3825-043

Parent Item Name: Rib Assembly (Basket End, Lid)

125439

D3825-043

Start Date: 10/06/14

Required Date: 10/06/14

Start Qty: 2.00

Required Qty: 2.00

M304TS0.750W.065

Purchased

No

100

f

1,514.415

2.125

5

M304TS0 750W 065

304 SQ Tube .75x.75x.065W

4X DL 15/01/05

Location

Loc Qty

Loc Code

WA004

1514.415

125513

446.015

m126538

362

m126922

106.4

m128495

600

~~8.50~~ 10

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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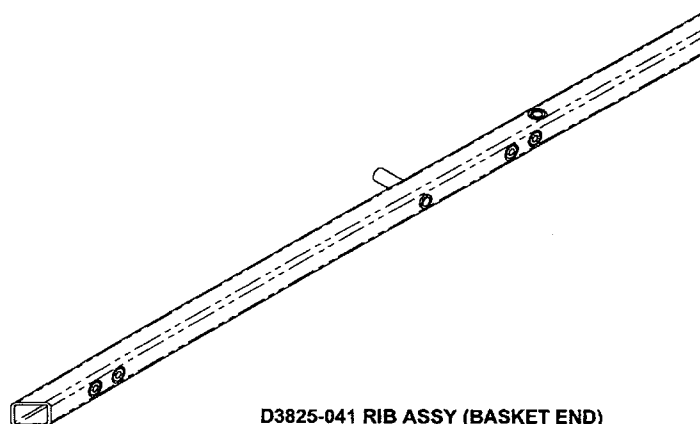
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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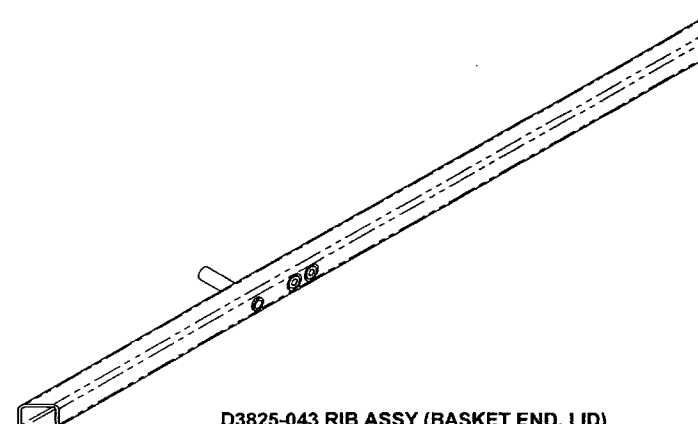
FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
	X		D3825-041	RIB ASSEMBLY (BASKET END)
		X	D3825-043	RIB ASSEMBLY (BASKET END, LID)
1		1	D2327-1	SPACER BUSHING
2	1		D2327-3	SPACER BUSHING
3	1		D3759-1	BUSHING
4	1		D3825-1	RIB
5		1	D3825-3	RIB
6	4	2	D4021-9	BUSHING



D3825-041 RIB ASSY (BASKET END)



D3825-043 RIB ASSY (BASKET END, LID)

RELEASED
2012-08-03
WJP

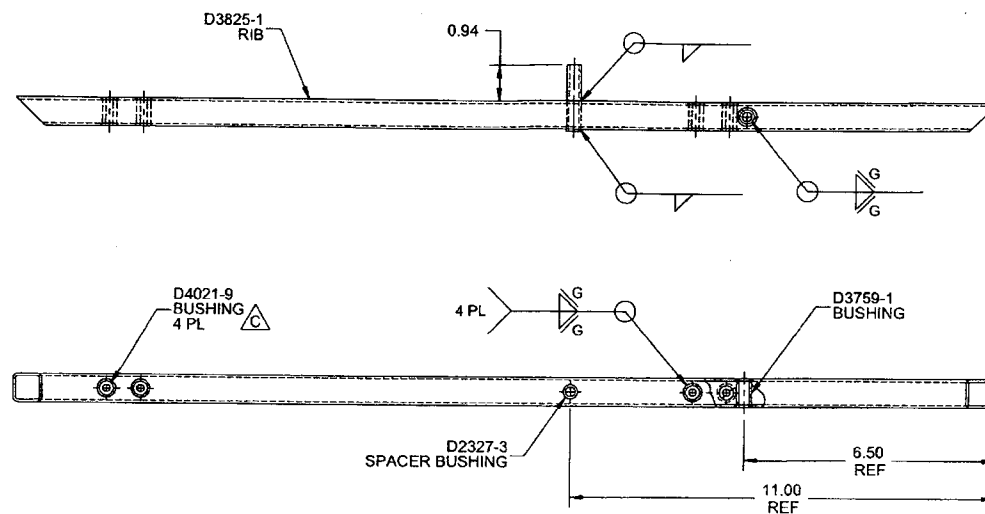
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 125439 ML3
14-10-09

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: D3825-041 = 1.27 lbs; D3825-043 = 1.23 lbs
- 8) WELDING: PER DART QSI 004

C	QTY(4) D4021-9 ON -041 AND QTY(2) D4021-9 ON -043 WERE D3759-1. CORRECTED DIM (ZIN B3-4) WAS 14.875. REASON FOR CHG: AN3 SIZE BOLTS REQ'D IN THOSE LOCATIONS.	MB	12.07.18
B	QTY(5) FOR D3759-1 WAS QTY(1); AFFECTS D3825-041/1-1 (ZNS D3-1, C4-2, C3-2, D4-4, C6-4, C4-4, C3-4). ADDED D3825-043/3. REASON: PART 10-50.	MB	12.05.11
A	NEW ISSUE	MB	08.09.23
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.07.18		

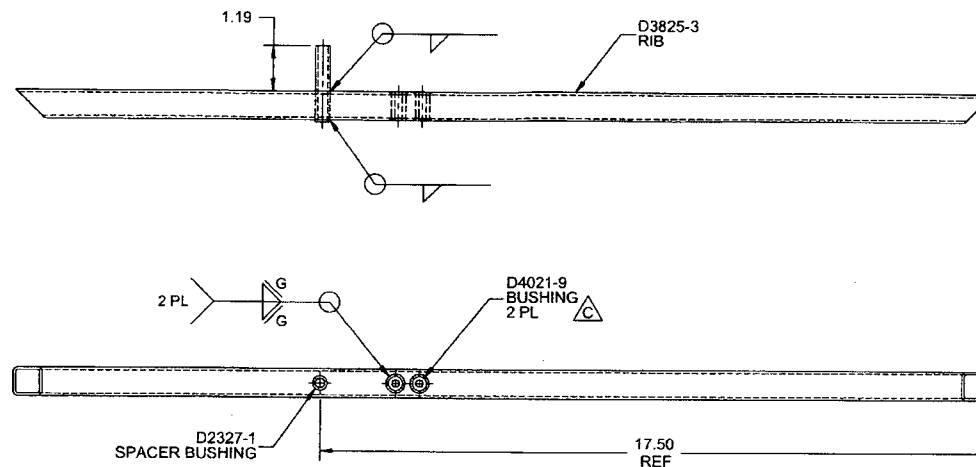
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D3825	REV. C SHEET 1 OF 4
TITLE RIB ASSY (BASKET END)	SCALE NTS
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D3825-041 RIB ASSY (BASKET END)

RELEASED
2012-08-03
JNP

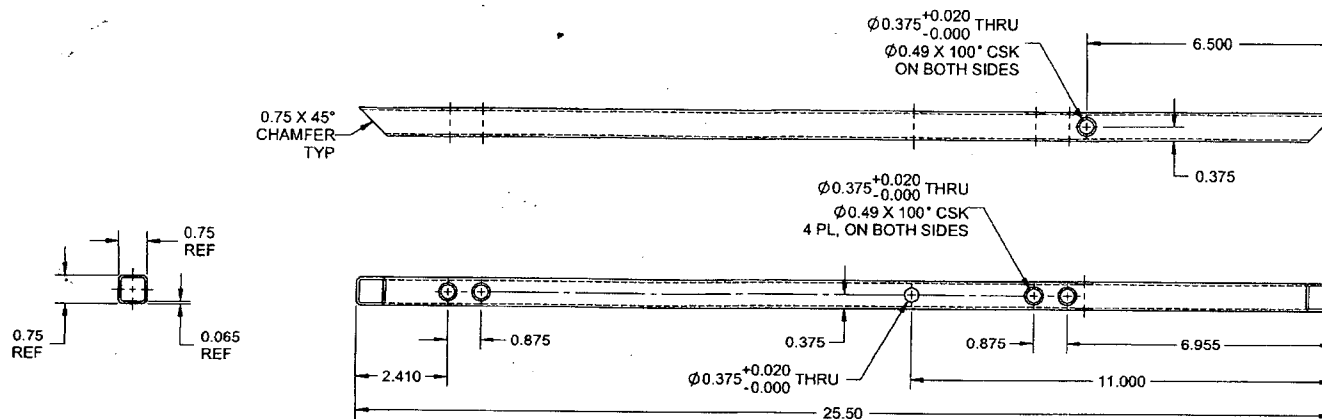
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. D3825	REV. C
MFG. APPR.		SHEET 2 OF 4	
APPROVED		TITLE	SCALE
DE APPR.		RIB ASSY (BASKET END)	NTS
DATE	12.07-18	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



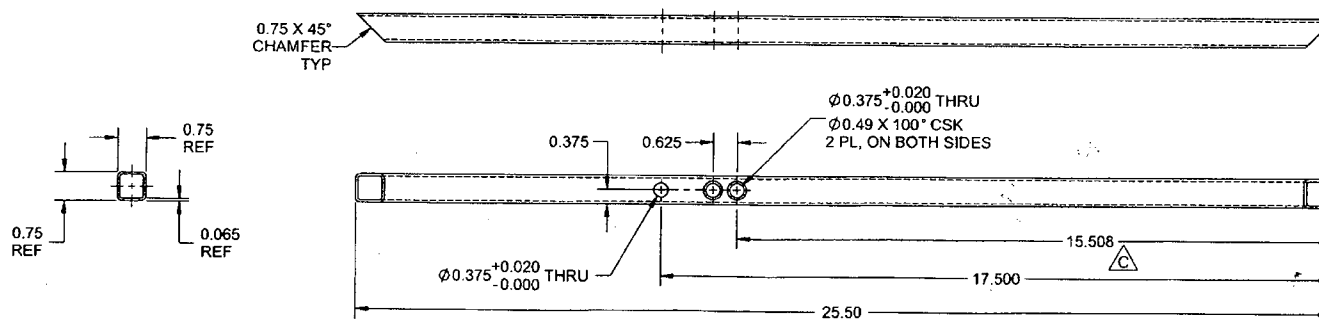
D3825-043 RIB ASSY (BASKET END, LID)

RELEASED
2012-08-03

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3825	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		RIB ASSY (BASKET END)	NTS
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D3825-1 RIB



D3825-3 RIB

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.065 WALL
REF. DART SPEC. M304TS0.750W.065
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.16 lbs

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3825	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		RIB ASSY (BASKET END)	NTS
DATE	12.07.18	COPYRIGHT © 2008 BY DART AEROSPACE LTD	

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